

1 October 1968

Dear Ray:

25X1 In accordance with the provisions of Part 3, "Reports" of Exhibit "A" to Contract [] we are enclosing herewith five (5) copies (classified SECRET) of the FY-69 Quarterly Report No. 1.

RRW:sjm

R. R. W.
R. R. W.

Copy to: RS w/encs. (AL-38-700503-1 thru 5)
DW w/enc. (AL-38-700503-6)

25X1 *Dist: #1 - File*

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*Break down
into PARS.*

Declass Review by NGA.

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This document contains
11 pages.

AL-38-700503- /
Copy 1 of 21 copies

FY-69

QUARTERLY REPORT

No. 1

31 August 1968

(1 June - 31 August 1968)

Prepared by:

[Redacted box]

25X

Approved by:

5X1

[Redacted box]

Date: 27 September 1968

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Approved For Release 2005/02/17 : CIA-RDP78B04700A001300010072-9

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PROGRAM OBJECTIVE

To investigate through studies, tests, and the fabrication and use of engineering breadboard equipment, new methods or devices which will further the state of the art in photographic techniques and practices as it pertains to improved extraction of collected intelligence information from photographic materials.

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SUMMARY

5X1 2. This Contract FY-69 Quarterly Report No. 1 is submitted in lieu of the August 1968 Monthly Report and covers progress for the months of June, July, and August 1968.

2. Detailed reports on approved, active PARs are found in Section II of this report.

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SECTION I

INTRODUCTION

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DISCUSSION

3. PAR Status. The table below lists all PARs in numerical order for ready reference, and the title (condensed in some cases) and status of each.

<u>PAR</u>	<u>Title</u>	<u>Status</u>
201	Travel and Liaison	Active
202/ 224	 Precision Enlarger/* 3X - 15X Enlarger	Completed/TWX 6351 dtd 21 Jan 66
203	Rapid Access Printer	Completed 4 Aug 65
204	Contact Chip Printer	Termination Rpt completed 27 Jan 65
205	Precision 4X Enlarger	Termination Rpt completed 27 Jan 65
206	Reversal Processing Study	Completed 21 May 65
207	Contact Printer Study	Completed 6 Apr 66
208	Non-Elec. Image Enhancement	Cancelled
209	Phosphor Viewer	Cancelled
210	Laminated Slides	Completed 4 Sep 64
211	Processing Effects Study	Completed 28 Oct 65
212	Color Acq. System Review	Completed 28 Oct 65
213	Color Reprod. Review	Completed 13 Aug 65
214	Roller Transport Processor (12-Inch)	Closed/TWX 7284 dtd 23 May 66
215	Roller Transport Processor (24-Inch)	Closed/TWX 7284 dtd 23 May 66
216	Laser Photographic Exposure	Completed 12 Feb 65
217	Optimization of Lasers	Completed 9 Nov 65
218	Autofocus Systems	Not to be submitted
219	Opt. vs Contact Pg. 1:1	Not to be submitted
220	Static Elec. Hold-Down	Disapproved

* Formerly called the Briefing Print Enlarger.

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PAR	Title	Status
221	Lens Bench Manual	Not to be submitted
222	Auto Stereo Regstrn System	Completed 3 Mar 65
223	Monochr. Lens System	Disapproved
225	Micro-D Training Program	Terminated
226	Edge Trace Meas., Micro-D	Completed
227	Color Viewer	Disapproved
228	Vectograph Study	Not to be submitted
229	Optical Design Film Viewer	Not to be submitted
230	10X Color Lens	Disapproved
231	10-20-40X Color Lamphouse	Disapproved
232	Automated Edge Trace Device	Disapproved
233	Zoom (6X to 60X) Projection Lens	Terminated/TWX 7878 dtd 26 Jul 66
234	MTF Exposure Device	Disapproved
235	Automation Program Study	Disapproved
236	Film Disposal Rewind Unit	Disapproved
237	Briefing Aids	Completed 25 Jul 65
238	Equipment Installation	Closed/TWX 7284 dtd 23 May 66
239	Administration	Closed
240	Not Assigned	-
241	Not Assigned	-
242A	Color Demonstration Material	Completed 29 Mar 66
243A	 Precision Enlarger*	Completed 22 Sep 67
244	Spare Parts for RT Processors	Completed 21 Nov 67
245	BPE High Magnification Lens Sets	Completed 26 Mar 68
246	RT-12 and RT-24 Operational Improvements	Completed 25 Feb 68

* Formerly called the Briefing Print Enlarger.

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<u>PAR</u>	<u>Title</u>	<u>Status</u>
247	Base Spare Parts Kit	Active
248	BPE High-Magnification Lens Set	Active
249	Precision Enlarger Prototype (BPE) Operational Improvements and Maintenance	Active
250	Precision Enlarger Mod II (Prototype)	Awaiting customer action

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SECTION II

PAR PROGRESS

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Contract

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PAR 247

31 Aug 68

SUBJECT: Base Spare Parts Kit

TASK/PROBLEM

1. Provide one base spare parts kit for two Precision Enlargers, PAR 243A.

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DISCUSSION

2. During August, all of the photomultiplier tubes were received from the vendor. The platen assemblies were fabricated and inspection was completed. The only parts still not complete are the filters; these are in final inspection and should be available for the kit by mid-October.

3. All other parts are on hand and ready to be assembled into the kit.

PLANNED ACTIVITY

4. Complete filters and assemble kit.
5. Deliver complete kit to the customer in October 1968.

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Contract

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PAR 248

31 Aug 68

SUBJECT: BPE High-Magnification Lens Set

TASK/PROBLEM

1. Provide one high-magnification lens set (PAR 245) to increase the magnification range of a Precision Enlarger (PAR 243A) at the customer's facility.

DISCUSSION

2. All parts have been received, and photographic testing of lenses was partially completed. Due to higher priority work on BPE effort under a separate contract, this testing was not completed.

PLANNED ACTIVITY

3. Complete all testing and ship the lens set to the customer.

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Contract [REDACTED]

FY-69 Quarterly Report No. 1

PAR 249

31 Aug 68

SUBJECT: [REDACTED] Precision Enlarger Prototype (BPE) Operational Improvements and Maintenance

TASK/PROBLEM

1. Provide photographic enlarger maintenance at the customer's facility for one [REDACTED] Precision Enlarger (BPE) and three 10-20-40X Enlargers.*

DISCUSSION

2. Contractor personnel visited the customer's facility twice during the report period and while there performed the following maintenance effort on the BPE:

a. On 26 and 27 June 1968:

(1) Misalignment in the transport system film tracking was corrected.

(2) The X- and Y-coordinate counter system was retrofitted.

(3) The X-coordinate counter was found to be out of alignment and was corrected.

(4) Some of the lights that indicate plus and minus on the Y-counter system were defective and were replaced.

(5) Brushes that are activated during the drying cycle to remove excess fluid from the bottom side of the film were aligned.

* The wording of this TASK/PROBLEM has been changed from the original PAR to reflect the contractor's understanding, and the customer's concurrence, of the work statement (per contractor's message 0559 dated 8 August 1968 and telecon [REDACTED] on 13 August 1968).

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PAR 249

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b. In the period from 6 through 9 August 1968:

- (1) The fluorescent bulb in the viewer box was replaced.
- (2) The easel platen was removed and the front and back were cleaned.
- (3) The lamphouse drive assembly was readjusted.
- (4) The pushbuttons in the sub-control assembly were lubricated.

PLANNED ACTIVITY

3. Perform both the one-month and six-month preventative maintenance checks during the week of 9 September 1968.

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SECTION III

FISCAL SUMMARY

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